



# 150Mbps Wireless Megapixel Network Camera

WCS-0050



H/W Version: 1

## Product Overview

The LevelOne WCS-0050 is a quality yet cost-effective surveillance solution for home and office. It is designed for easy and flexible installation, provides choice of either a 150Mbps wireless or a wired connection to the network and a WPS (Wi-Fi protected setup) button to secure the wireless connection thru a fillip of one push. The WCS-0050 supports 2 simultaneously individual video streams for quality needs and bandwidth constrains. Moreover, the free PC-based 64-channel monitoring software with iPhone/Android phone App supported within package helps to manage multiple cameras in the meantime and offers mobile viewing with more ease.

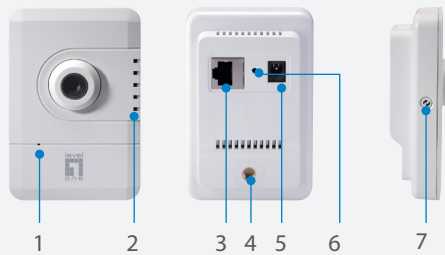
## Remote Viewing Made Easy

With built-in Universal Plug and Play (UPnP) feature, now you can quickly setup remote access without the need to configure any port forwarding manually.

In addition, we offer you free Dynamic Level1DNS™ service which is very useful if you don't have a fixed public IP address, and provides you with an easy to memorize domain address.

## 64-channel Video Management Software

We aim to offer you the most versatile and comprehensive surveillance solutions. Our IP CamSecure software coming with the camera allows you to monitor up to 64 megapixel IP cameras simultaneously on one screen to enhance scalability. For added convenience and flexibility, the software includes various advanced features such as scheduling recording, event alert, and heaps more. In addition, simply install our free iCamSecure App to your smartphone and connect to the PC with IP CamSecure software installed, you will easily turn your iPhone/Android smartphone into a portable surveillance system for real-time monitoring and snapshot.



1. Built-in Microphone
2. LEDs
3. Ethernet
4. Stand Socket
5. Power Connector
6. Reset Button
7. WPS Button

## Key Features

- Megapixel (1280 x 800) high-definition resolution
- Easy Internet monitoring via configuration free Level1DNS™ service
- Supports iPhone/Smart phone/PDA remote viewing over the Internet
- Provides wireless speed up to 150Mbps
- Simple wireless connectivity and security with WPS push button
- Supports motion detection and event notification via e-mail or FTP
- Supports 2 video streams simultaneously
- Free 64-channel monitoring software included (supports iCamSecure App)

## Works Well With



**WBR-6003**  
150Mbps Wireless Router



**GNS-1001**  
1-Bay Gigabit Network Storage



## Technical Specification

### Image Sensor

Sensor Type : 1/4" megapixel CMOS Sensor

Sensor Resolution : 1280 x 800 pixel

Minimum Illumination :

1 Lux (without LED)

### Lens

Lens Type: Board Lens

Focal Length: f=3.6mm/F=2.3

View Angle: H: 55.7°, V: 36.5°

### Video

Image Compression: H.264 / MPEG4 / MJPEG

Auto Exposure Control / Auto White Balance /

Auto Gain Control

### Video Record

Store to PC: .asf

### Image Resolution and Frame Rate

1280 x 800: 15fps

640 x 400: 30fps

### Audio

Audio Streaming: one-way audio

Built-in MIC

Audio Code: G.711/AMR

### Zoom

Digital Zoom: 4x

### Communication

Ethernet: one 10/100Mbps RJ-45

Supported Protocols: TCP/IP, UDP, ICMP,DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP,Samba, PPPoE, UPnP, Bonjour, RTP, RTSP,RTCP

### Wireless Data Transfer Rate

802.11n 2.0: 6.5~72.2/13.5~150Mbps (20/40 MHz)

802.11g: 54 ~ 6 Mbps

802.11b: 11 ~ 1 Mbps

### Wireless Security

WEP 64/128-bit Web share key encryption WPA, WPA2,128-bit TKIP/AES encryption

Wi-Fi Protect Setup (WPS) Push Button Support

### Number of Channels

Ch.1 ~ 11 USA

Ch.1 ~ 13 EU

### Operating Frequency

2.412 ~ 2.472GHz

### Antenna

Build-in 2dBi chip antenna

### Standard Compliant

IEEE 802.11n , IEEE 802.11g, IEEE 802.11b, IEEE 802.11i, IEEE 802.11e, IEEE 802.3, IEEE 802.3u

### Hardware

Flash ROM: 16MB

RAM: 64MB DDR

### Interface & Buttons

DC Power Connector

Ethernet Cable Connector

Reset Button

WPS Button

### LEDs

Power/Wireless/Ethernet states/ WPS

### Power

Output: DC12V / 1 A (Power Adapter)

### Power consumption

Max Power Consumption:4.5W

### Environment

Operating Temperature: 0°C ~ 40°C (32°F ~104°F)

Operating Humidity: 10% ~ 80%

### Dimension (L x W x H)

29mm X 70mm X 105mm

### Weight

Net 95g

### Software

Free 64 channel monitoring software included (supports iCamSecure App)

### Viewing System Requirement

OS: Microsoft Windows 2000/XP/Vista/7

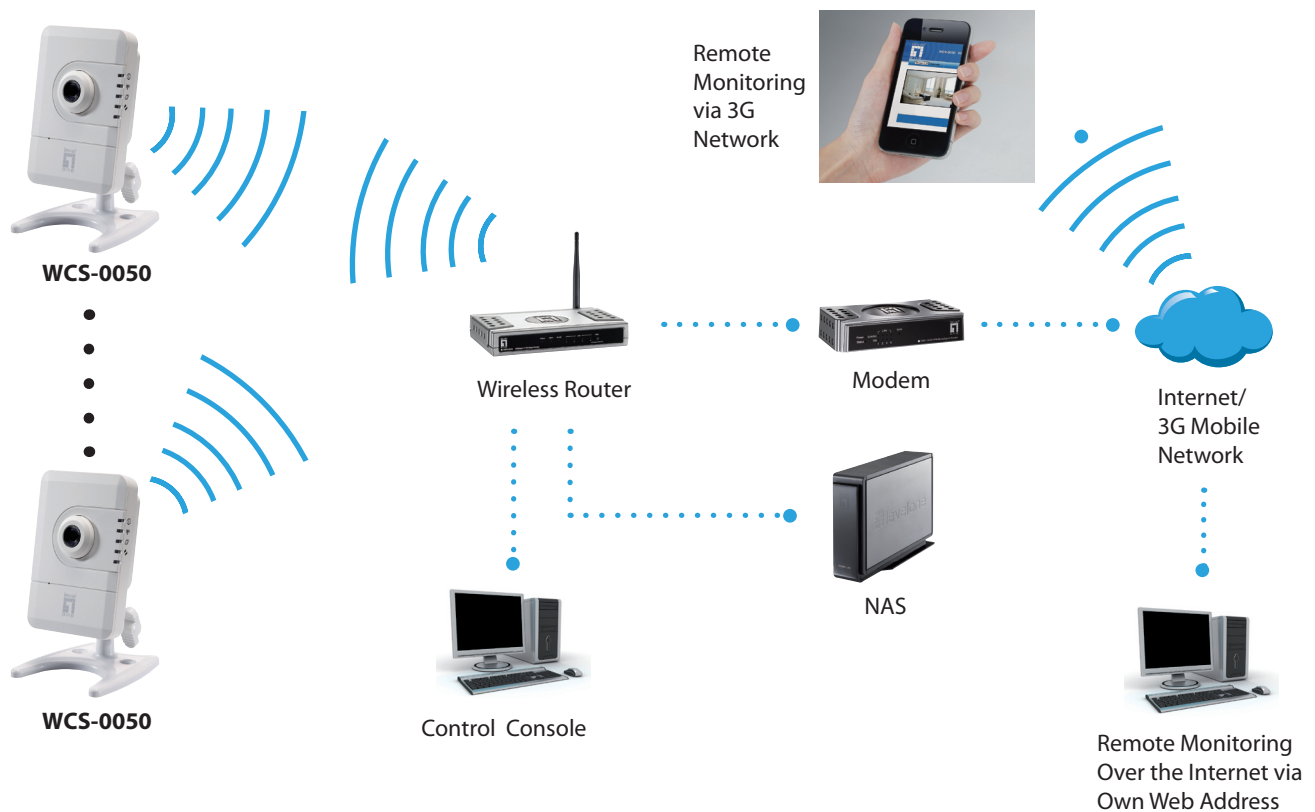
Browser: IE 6.x or above

3GPP Player: Real Player 10.5 , Quick Time 6.5 or above

### Certification

FCC,CE

## Product Diagram



## Order Information Package Contents

### **WCS-0050:** 150Mbps Wireless Megapixel Network Camera

WCS-0050  
Power Adapter  
Bracket  
RJ-45 Ethernet LAN Cable  
Quick Installation Guide  
CD Manual / Utility

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